



UNITED STATES DEPARTMENT OF COMMERCE
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SERIAL NUMBER FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO.

07/872,599 04/23/92 RUMBAUGH

EXAMINER
PARKER, K

BSM2/0727
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PORTLAND, OR 97204

ART UNIT PAPER NUMBER
2504 6

DATE MAILED:

07/27/93

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

This application has been examined Responsive to communication filed on 5/6/93 This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 60 days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

1. Notice of References Cited by Examiner, PTO-892. 2. Notice re Patent Drawing, PTO-948.
3. Notice of Art Cited by Applicant, PTO-1449. 4. Notice of Informal Patent Application, Form PTO-152.
5. Information on How to Effect Drawing Changes, PTO-1474. 6.

Part II SUMMARY OF ACTION

1. Claims 1-21 are pending in the application.

Of the above, claims _____ are withdrawn from consideration.

2. Claims _____ have been cancelled.

3. Claims _____ are allowed.

4. Claims 1-21 are rejected.

5. Claims _____ are objected to.

6. Claims _____ are subject to restriction or election requirement.

7. This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. Formal drawings are required in response to this Office action.

9. The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are acceptable. not acceptable (see explanation or Notice re Patent Drawing, PTO-948).

10. The proposed additional or substitute sheet(s) of drawings, filed on _____ has (have) been approved by the examiner. disapproved by the examiner (see explanation).

11. The proposed drawing correction, filed on _____, has been approved. disapproved (see explanation).

12. Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has been received not been received been filed in parent application, serial no. _____; filed on _____.

13. Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 14; 453 O.G. 213.

14. Other

EXAMINER'S ACTION

Art Unit 2504

Claims 1-13, 18, 20 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. "That amplitude required for the first" and "that amplitude which is required for the second" lacks antecedent basis. A statement such as "having a 1st required driving amplitude" for both should correct this problem.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 14-17, 19, 21 rejected under 35 U.S.C. § 102(b) as being clearly anticipated by Rumbaugh et al.

Rumbaugh et al discloses a polarizer (abstract) which utilizes several liquid crystal retarder (column 2, lines 45-66). Control means are present, which give the described control between the retarders (column 5, line 50 et seq). Therefore Rumbaugh et al has all the limitations of these claims.

Serial No. 07/872599

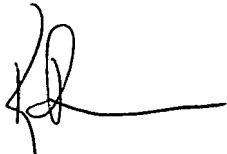
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Art Unit 2504

Applicant's arguments with respect to claims 1-21 have been considered but are deemed to be moot in view of the new grounds of rejection.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication should be directed to Kenneth A. Parker at telephone number (703) 305-3029.



Kenneth Parker
Patent Examiner
July 25, 1993



William L. Sikes
Supervisory Patent Examiner
Group AU 2504